

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | | |
|--|--|--|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-76508 | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name N/A | |
| 2. Name of Operator SHENANDOAH ENERGY INC. | | 7. If Unit or CA Agreement, Name and No. WONSITS VALLEY | |
| 3a. Address 11002 E. 17500 S. VERNAL, UT 84078 | | 8. Lease Name and Well No. STIRRUP UNIT 7G-5-8-22 | |
| 3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323 | | 9. API Well No. 43-047-34609 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SWNE 2166FNL 1697FEL 4445881 Y 40.15496 At proposed prod. zone 631069 X -109.46110 | | 10. Field and Pool, or Exploratory WONSITS VALLEY | |
| 14. Distance in miles and direction from nearest town or post office* 11 +/- MILES SOUTHWEST OF REDWASH, UTAH | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec 5 T8S R22E Mer SLB | |
| 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1697' +/- | | 12. County or Parish UINTAH | |
| 16. No. of Acres in Lease 585.25 | | 13. State UT | |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 100' +/- | | 17. Spacing Unit dedicated to this well 40.00 | |
| 19. Proposed Depth 6050 MD 6050 TVD | | 20. BLM/BIA Bond No. on file U-0969 | |
| 21. Elevations (Show whether DF, KB, RT, GL, etc.) 5240 KB | | 23. Estimated duration 10 DAYS | |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

| | | |
|-------------------------------------|---|--------------------|
| 25. Signature | Name (Printed/Typed) JOHN BUSCH | Date 06/10/2002 |
| Title OPERATIONS | | |
| Approved by (Signature) | Name (Printed/Typed) BRADLEY G. HILL | Date 07-02-02 |
| Title RECLAMATION SPECIALIST III | | |

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #11620 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC., sent to the Vernal

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

RECEIVED

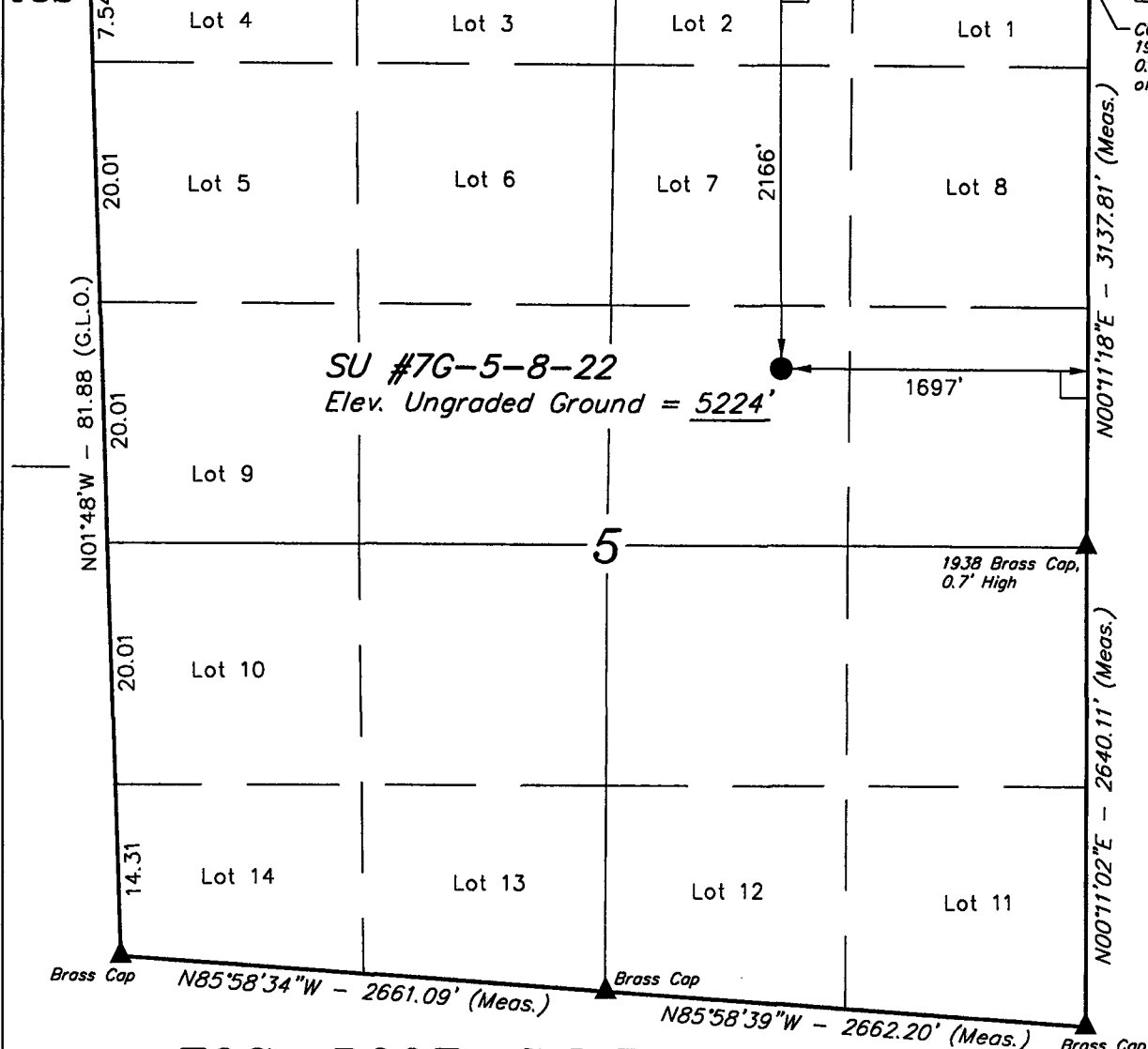
JUN 13 2002

DIVISION OF
OIL, GAS AND MINING

SHENANDOAH ENERGY, INC.

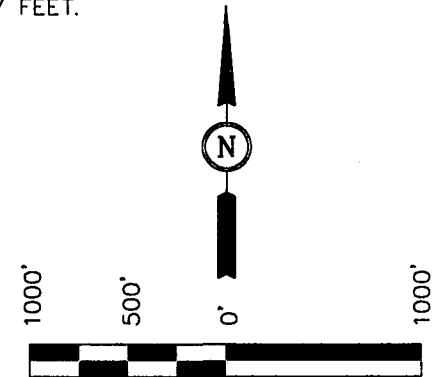
Well location, SU #7G-5-8-22, located as shown in the SW 1/4 NE 1/4 of Section 5, T8S, R22E, S.L.B.&M. Uintah County, Utah.

T7S
T8S



BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.



SCALE CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH
KAY

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND: T8S, R22E, S.L.B.&M.

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
LATITUDE = 40°09'17.25" (40.154792)
LONGITUDE = 109°27'42.25" (109.461736)

| | | |
|--------------------------|---------------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 05-08-02 | DATE DRAWN: 05-09-02 |
| PARTY D.A. J.A. D.COX | REFERENCES G.L.O. PLAT | |
| WEATHER WARM | FILE SHENANDOAH ENERGY, INC. | |

SHENANDOAH ENERGY INC.
SU 7G-5-8-22

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

| Formation | Depth |
|------------------|--------------|
| Uinta | Surface |
| Green River | 3292 |
| Mahogany Ledge | 4100 |
| G 1 - SAND | 5860 |
| TD (Green River) | 6050 |

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

| Substance | Formation | Depth |
|------------------|------------------|--------------|
| Oil/Gas | Green River | 6050 |

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 2420.0 psi.

SHENANDOAH ENERGY INC.
STIRRUP UNIT 7G-5-8-22
2166' FNL, 1697' FEL
SWNE, SECTION 5, T8S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-76508

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 11 miles West of Redwash , Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.
Use existing access as 7W -5-8-22

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. **Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

7. **Methods of Handling Waste Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. **Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

10. **Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078
(435)781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

Lessee's or Operator's Representative:

John Busch
Red Wash Operations Rep.
Shenandoah Energy Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4341

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Shenandoah Energy Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Shenandoah Energy Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch
John Busch
Red Wash Operations Representative

10-Jun-02
Date

Additional Operator Remarks:

Shenandoah Energy Inc. proposes to drill a well to 6050' to test the Green river. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. U-0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

SHENANDOAH ENERGY, INC.

SU #7G-5-8-22

LOCATED IN UINTAH COUNTY, UTAH
SECTION 5, T8S, R22E, S.L.B.&M.



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

5
MONTH

10
DAY

02
YEAR

PHOTO

TAKEN BY: D.A.

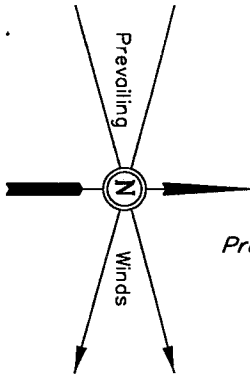
DRAWN BY: P.M.

REVISED: 00-00-00

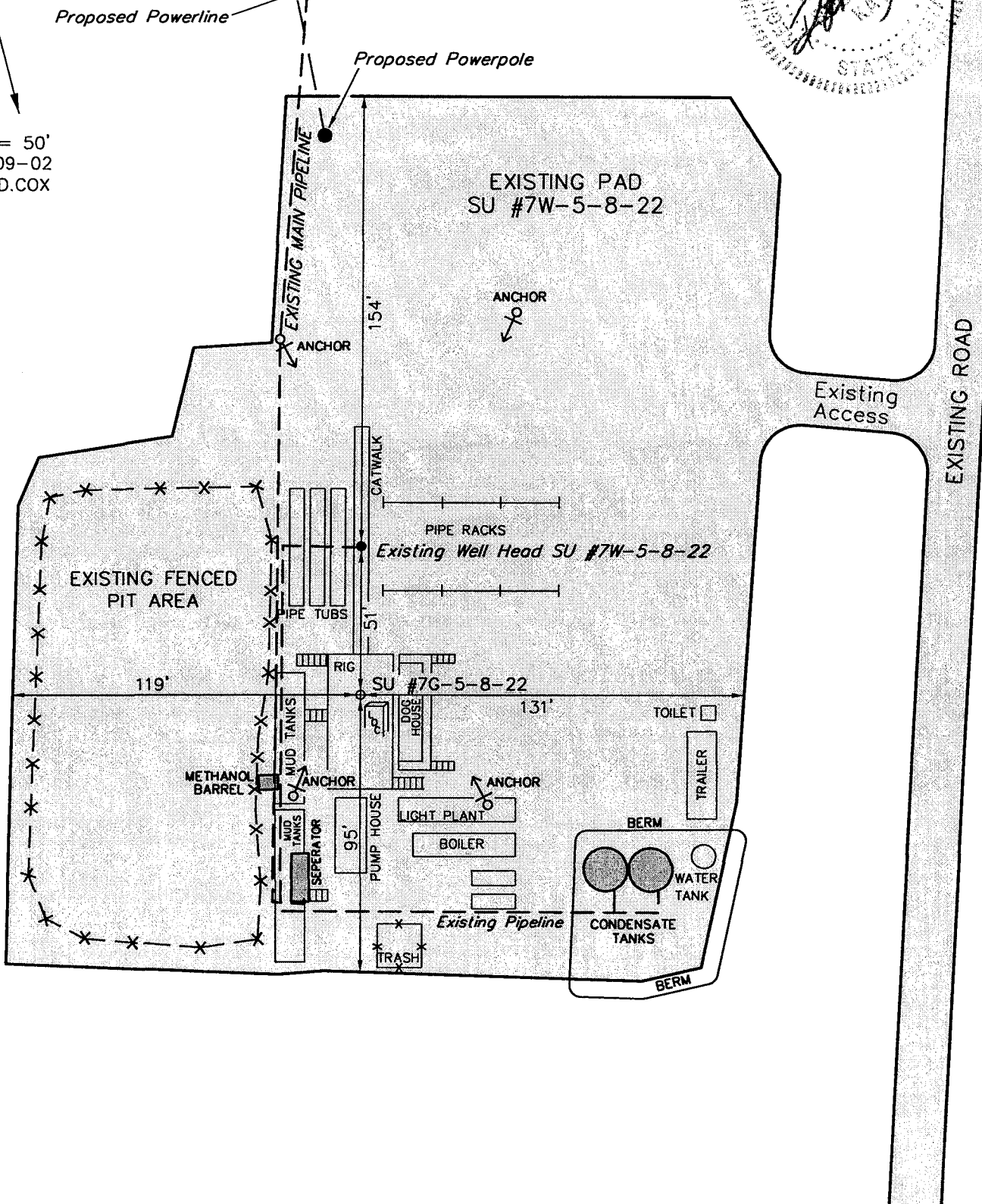
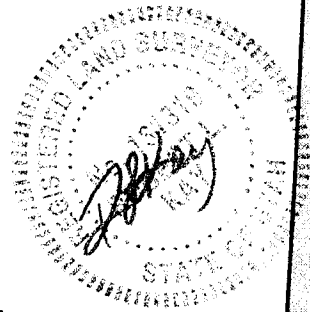
SHENANDOAH ENERGY, INC.

LOCATION LAYOUT FOR

SU #7G-5-8-22
SECTION 5, T8S, R22E, S.L.B.&M.
2166' FNL 1697' FEL

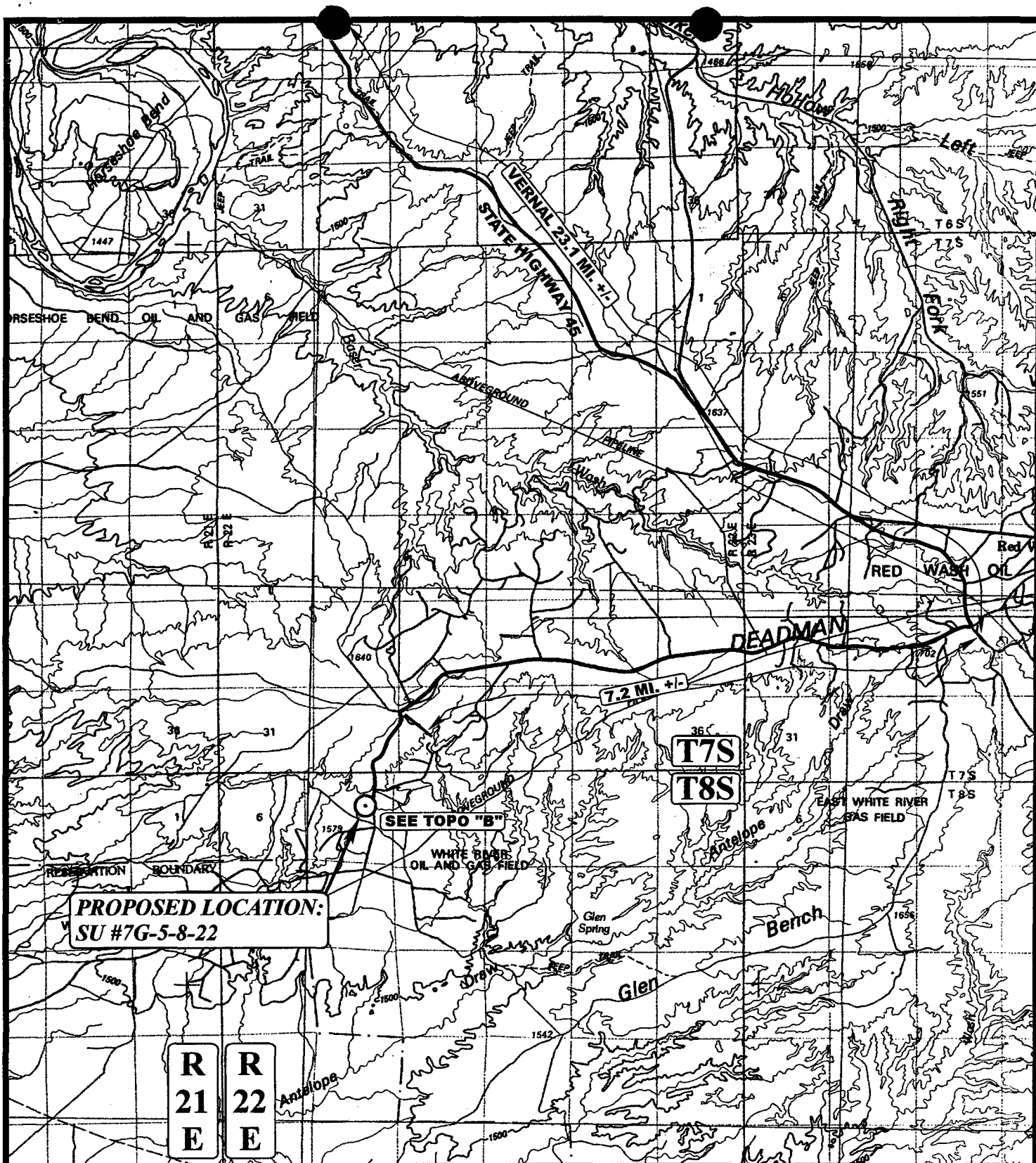


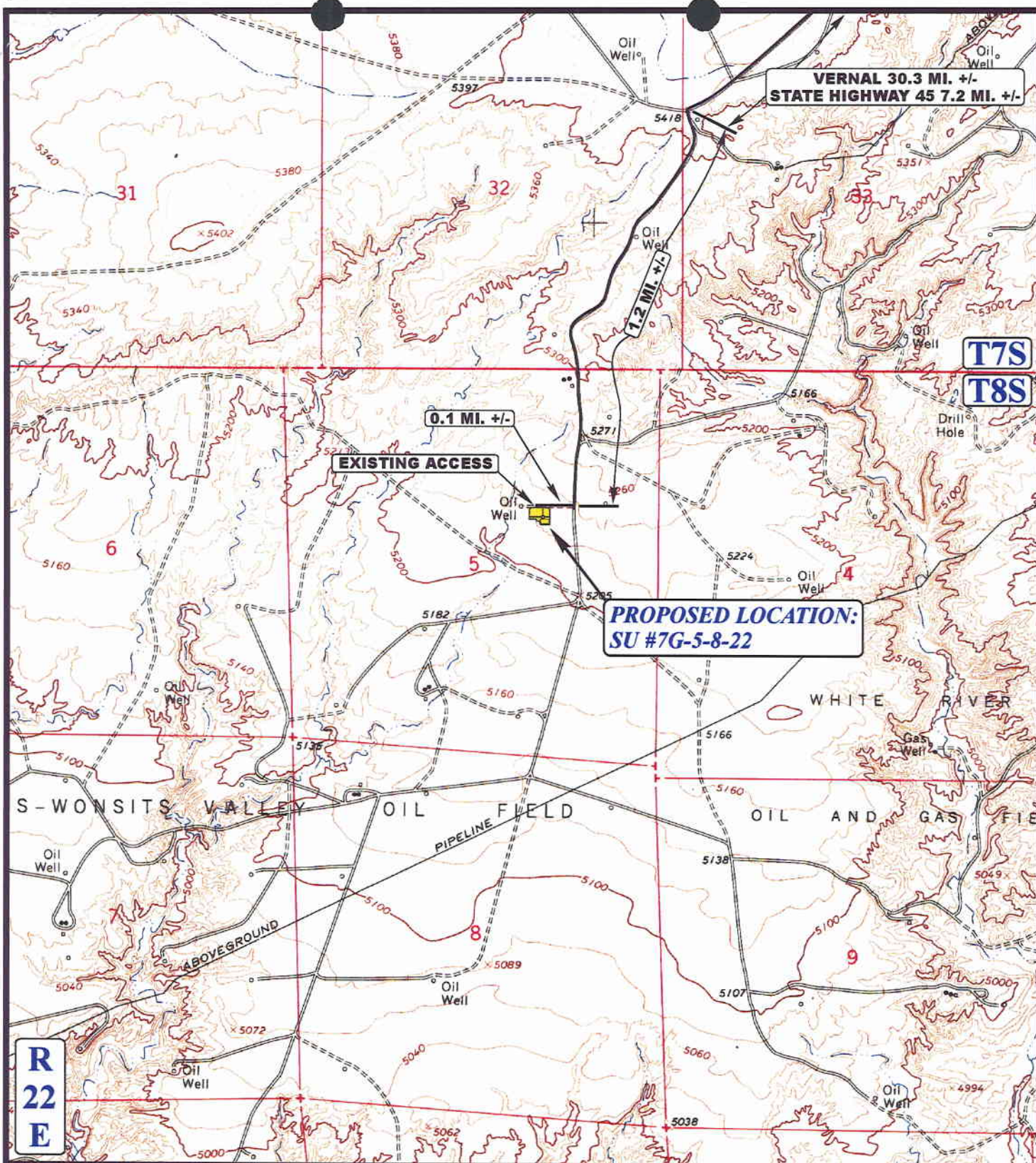
SCALE: 1" = 50'
DATE: 05-09-02
Drawn By: D.COX



NOTE:
EXISTING FACILITIES, PIPELINES, TANKS, ECT.,
MAY REQUIRE RELOCATION DURING DRILLING
PROCESS TO ACCOMMODATE DRILLING RIG.

FIGURE #1





LEGEND:

EXISTING ROAD



SHENANDOAH ENERGY, INC.

SU #7G-5-8-22

SECTION 5, T8S, R22E, S.L.B.&M.

2166' FNL 1697' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

5 **10** **02**
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

B
TOPO



C
TOPC

003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/13/2002

API NO. ASSIGNED: 43-047-34609

WELL NAME: STIRRUP U 7G-5-8-22

OPERATOR: SHENANDOAH ENERGY INC (N4235)

CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

SWNE 05 080S 220E

SURFACE: 2166 FNL 1697 FEL

BOTTOM: 2166 FNL 1697 FEL

UINTAH

WONSITS VALLEY (710)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-76508

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

LATITUDE: 40.15496

LONGITUDE: 109.46110

RECEIVED AND/OR REVIEWED:

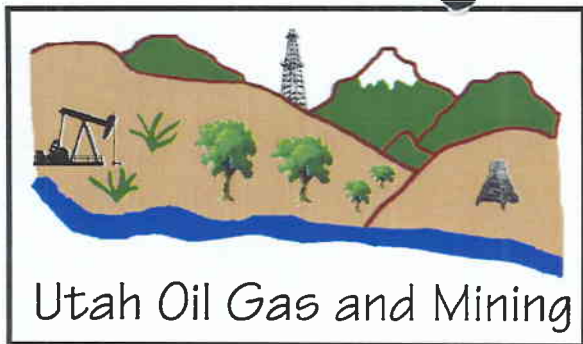
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. U-0969)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3.
Unit _____
☐ R649-3-2. General
☒ Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☐ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
☐ R649-3-11. Directional Drill

COMMENTS: Sop, Seperate file

STIPULATIONS: 1- Federal Approval
2- Spacing Strip

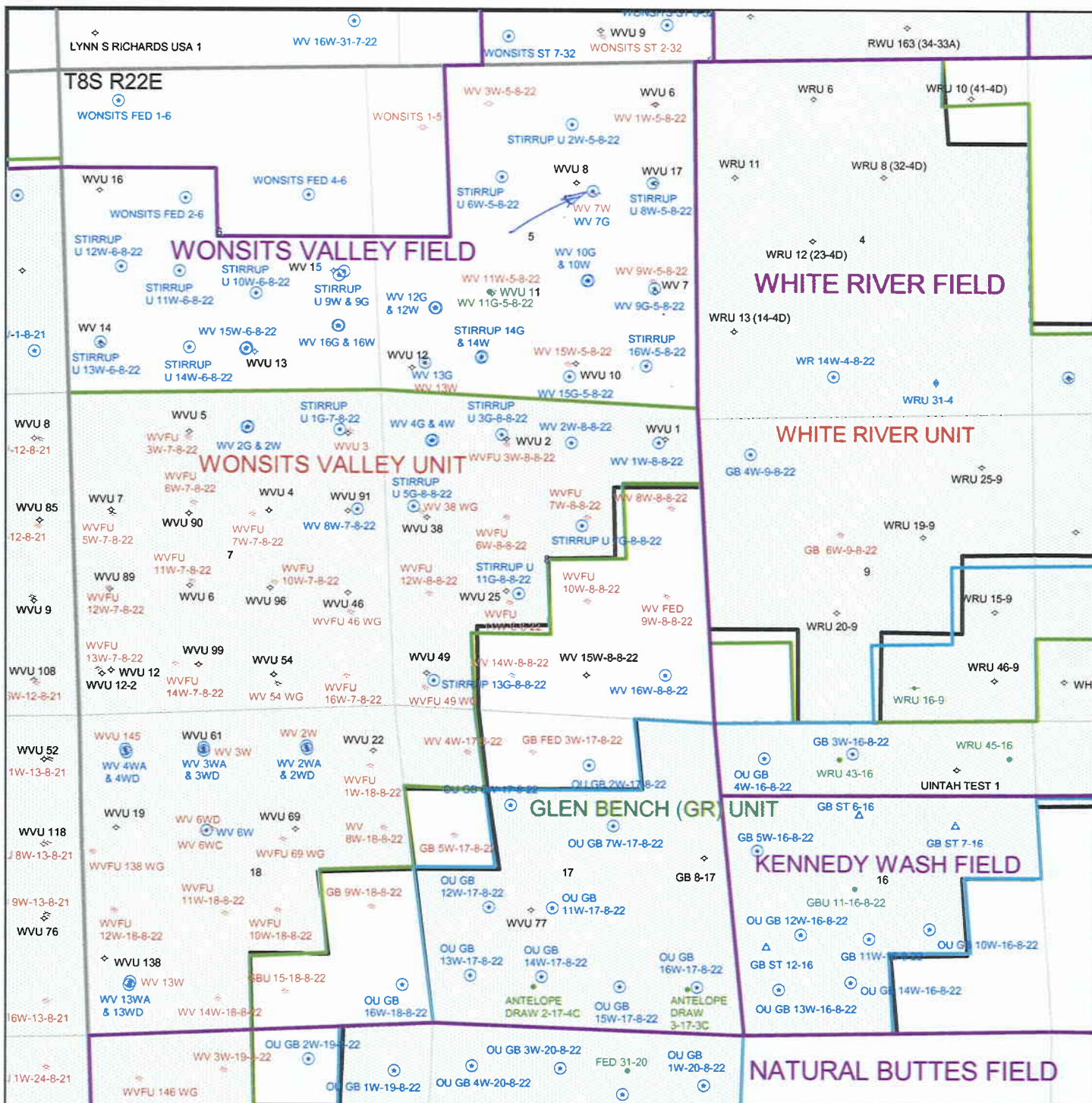


OPERATOR: SHENANDOAH ENERGY (N4235)

SEC. 5 & 6, T8S, R22E

FIELD: WONSITS VALLEY (710)

COUNTY: UINTAH



001

SHENANDOAH ENERGY INC.

11002 East 17500 South
Vernal, UT 84078
Phone: (435) 781-4300
Fax (435) 781-4329

June 25, 2002

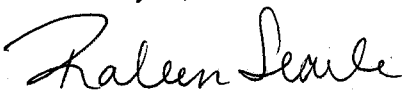
Division of Oil, Gas & Mining
1594 W. N. Temple STE 1210
Salt Lake City, UT 84114-5801

To Whom It May Concern:

In reference to the State Oil and Gas Conservation rule R649-3-3 Shenandoah Energy Inc. SU 7G-5-8-22 is an exception location due to it being a twin to the WV 7W-5-8-22. In order to drill the Green River location it has to be 51' from the Gas well.

There are no additional lease owners with 460' of the proposed location. If you have any question please contact Raleen Searle @ (435) 781-4309.

Thank you,



Raleen Searle
Regulatory Affairs Analyst

RECEIVED

JUN 27 2002

**DIVISION OF
OIL, GAS AND MINING**

004



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

July 2, 2002

Shenandoah Energy Inc
11002 E 17500 S
Vernal, UT 84078

Re: Stirrup Unit 7G-5-8-22 Well, 2166' FNL, 1697' FEL, SW NE, Sec. 5, T. 8 South,
R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34609.

Sincerely,

A handwritten signature in black ink, appearing to read 'J.R. Baza', written over a horizontal line.

John R. Baza
Associate Director

pb

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Shenandoah Energy Inc
Well Name & Number Stirrup Unit 7G-5-8-22
API Number: 43-047-34609
Lease: UTU-76508

Location: SW NE Sec. 5 T. 8 South R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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RECEIVED

JUL 01 2002

**DIVISION OF
OIL, GAS AND MINING**

CONFIDENTIAL

SHENANDOAH ENERGY INC.

STIRRUP UNIT 7G-5-8-22

2166' FNL, 1697' FEL

SWNE, SECTION 5, T8S, R22E

UINTAH COUNTY, UTAH

LEASE # UTU-76508 /43-047-34609

ONSHORE ORDER NO. 1

MULTI - POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

The proposed well site is approximately 11 miles West of Redwash, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 - mile radius.

There will be no improvements made to existing access roads.

2. Planned Access Roads:

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.
Use existing access as 7W -5-8-22

3. Location of Existing Wells Within a 1 - Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

5. Location and Type of Water Supply:

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. Source of Construction Materials:

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

7. **Methods of Handling Waste Materials:**

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9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Please refer to the SU 7W-5-8-22.

10. **Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

Please refer to the SU 7W-5-8-22.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078
(435)781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

REVISED
#9810

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

CONFIDENTIAL

| | | |
|--|---|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU76508 |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator SHENANDOAH ENERGY INC | | 7. If Unit or CA Agreement, Name and No. |
| Contact: JOHN BUSCH E-Mail: jbusch@shenandoahenergy.com | | 8. Lease Name and Well No. STIRRUP 7G-5-8-22 |
| 3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078-8526 | 3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323 | 9. API Well No. |
| 4. Location of Well (Report location clearly and in accordance with any State requirements) At surface SWNE 2166FNL 1697FEL At proposed prod. zone | | 10. Field and Pool, or Exploratory WONSITS VALLEY |
| 14. Distance in miles and direction from nearest town or post office* 11 +/- MILES SOUTHWEST OF REDWASH, UTAH | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec 5 T8S R22E Mer SLB |
| 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1697' +/- | 16. No. of Acres in Lease 585.25 | 12. County or Parish UINTAH |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 100' +/- | 19. Proposed Depth 6050 MD 6050 TVD | 13. State UT |
| 21. Elevations (Show whether DF, KB, RT, GL, etc.) 5240 KB | 22. Approximate date work will start | 17. Spacing Unit dedicated to this well 40.00 |
| | | 20. BLM/BIA Bond No. on file UT0969 |
| | | 23. Estimated duration 10 DAYS |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

| | | |
|---|------------------------------------|--------------------|
| 25. Signature (Electronic Submission) | Name (Printed/Typed) JOHN BUSCH | Date 06/10/2002 |
| Title OPERATIONS | | |
| Approved by (Signature) | Name (Printed/Typed) | Date 08/12/2002 |
| Title Assistant Field Manager Mineral Resources | Office | |

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

NOTICE OF APPROVAL

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

RECEIVED

Electronic Submission #11620 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC, sent to the Vernal
Committed to AFMSS for processing by LESLIE WALKER on 06/12/2002 (02LW1205AE)

AUG 15 2002

DIVISION OF
OIL, GAS AND MINING

CONDITIONS OF APPROVAL ATTACHED

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy Inc.

Well Name & Number: STIRRUP 7G-5-8-22

API Number: 43-047-34609

Lease Number: UTU - 76508

Location: SWNE Sec. 05 T. 8S R. 22E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. **DRILLING PROGRAM**

1. **Casing Program and Auxiliary Equipment**

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River formation, identified at $\pm 3,191$ ft.

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

-When constructing the powerlines, the trucks should stay on existing roads and trails whenever possible.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☒ Well ☐ Well ☐ Other

CONFIDENTIAL

2. Name of Operator

SHENANDOAH ENERGY INC. (QEP, UINTA BASIN INC.)

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

(435) 781-4341

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2166' FNL, 1697' FEL, SWNE, SECTION 5, T8S, R22E

5. Lease Designation and Serial No.

UTU-76508

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

SU 7G-5-8-22

9. API Well No.

43-047-34609

10. Field and Pool, or Exploratory Area

WONSITS VALLEY

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other APD Extension
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Shenandoah Energy Inc. hereby requests a 1 year extension from approval date on the SU 7G-5-8-22.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-21-03

By: [Signature]

COPY SENT TO OPERATOR

Date: 7-22-03

Initials: [Signature]

RECEIVED
JUL 18 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed RALEEN SEARLE Raleen Searle

Title REGULATORY AFFAIRS ANALYST

Date 7/16/03

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-34609
Well Name: SU 7G-5-8-22
Location: 2166' FNL, 1697' FEL, SWNE
Company Permit Issued to: SHENANDOAH ENERGY INC.
Date Original Permit Issued: 7/2/2002

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

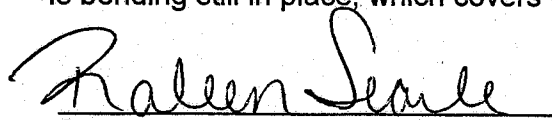
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☐ No ☒


Signature

7/16/2003

Date

Title: REGULATORY AFFAIRS ANALYST

Representing: SHENANDOAH ENERGY INC. (QEP, UINT.

OPERATOR CHANGE WORKSHEET

008

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

2/1/2003

| FROM: (Old Operator): | TO: (New Operator): |
|--|--|
| N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341 | N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341 |

CA No.

Unit:

WELL(S)

| NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS | Confid |
|----------------------|-----|------|------|------------|-----------|------------|-----------|-------------|--------|
| SU 4W-26-7-21 | 26 | 070S | 210E | 4304734408 | | Federal | GW | APD | C |
| WV 10W-35-7-21 | 35 | 070S | 210E | 4304734397 | | Federal | GW | APD | C |
| WV EXT 10W-17-8-21 | 17 | 080S | 210E | 4304734561 | 13744 | Federal | GW | P | C |
| STIRRUP U 8W-5-8-22 | 05 | 080S | 220E | 4304734453 | | Federal | GW | APD | C |
| STIRRUP U 6W-5-8-22 | 05 | 080S | 220E | 4304734454 | | Federal | GW | APD | C |
| STIRRUP U 7G-5-8-22 | 05 | 080S | 220E | 4304734609 | | Federal | OW | APD | C |
| STIRRUP U 9G-5-8-22 | 05 | 080S | 220E | 4304734610 | | Federal | OW | APD | C |
| WV 16G-6-8-22 | 06 | 080S | 220E | 4304734404 | | Federal | OW | APD | C |
| STIRRUP U 12W-6-8-22 | 06 | 080S | 220E | 4304734449 | | Federal | GW | APD | C |
| STIRRUP U 10W-6-8-22 | 06 | 080S | 220E | 4304734451 | | Federal | GW | APD | C |
| STIRRUP U 9G-6-8-22 | 06 | 080S | 220E | 4304734611 | | Federal | OW | APD | C |
| OU GB 11W-15-8-22 | 15 | 080S | 220E | 4304734648 | 13822 | Federal | GW | DRL | C |
| OU GB 10W-16-8-22 | 16 | 080S | 220E | 4304734616 | | State | GW | APD | C |
| OU GB 14W-16-8-22 | 16 | 080S | 220E | 4304734619 | | State | GW | APD | C |
| OU GB 16W-16-8-22 | 16 | 080S | 220E | 4304734655 | 13815 | State | GW | DRL | C |
| OU GB 1W-16-8-22 | 16 | 080S | 220E | 4304734656 | | State | GW | APD | C |
| OU GB 8W-16-8-22 | 16 | 080S | 220E | 4304734660 | 13769 | State | GW | DRL | C |
| OU GB 8W-17-8-22 | 17 | 080S | 220E | 4304734647 | | Federal | GW | APD | C |
| OU GB 16W-20-8-22 | 20 | 080S | 220E | 4304734633 | | Federal | GW | APD | C |
| OU WIH 15W-21-8-22 | 21 | 080S | 220E | 4304734634 | | Federal | GW | APD | C |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If **NO**, the operator was contacted on: _____

6. (R649-9-2) Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 9/11/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/11/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

SEI (N4235) to QEP (N2460)

| well_name | Sec | T | R | api DOGM | Entity | type | stat | |
|-------------------------|-----|------|------|------------|--------|---------|------|-------|
| WV 14W-4-8-21 | 04 | 080S | 210E | 4304734040 | | Federal | GW | APD C |
| WV 16W-4-8-21 | 04 | 080S | 210E | 4304734041 | | Federal | GW | APD C |
| WV 5W-36-7-21 | 36 | 070S | 210E | 4304734099 | 13807 | State | GW | DRL C |
| WV 16W-31-7-22 | 31 | 070S | 220E | 4304734257 | | Federal | GW | APD C |
| RED WASH 16W-19-7-22 | 19 | 070S | 220E | 4304734258 | | Federal | GW | APD C |
| WV 9W-16-7-21 | 16 | 070S | 210E | 4304734324 | | State | GW | APD |
| GH 6W-20-8-21 | 20 | 080S | 210E | 4304734331 | | Federal | GW | APD C |
| WV 10W-23-8-21 | 23 | 080S | 210E | 4304734341 | 13766 | Federal | GW | PA C |
| WV 11W-23-8-21 | 23 | 080S | 210E | 4304734342 | | Federal | GW | APD C |
| WV 13W-23-8-21 | 23 | 080S | 210E | 4304734344 | | Federal | GW | APD C |
| WV 14W-23-8-21 | 23 | 080S | 210E | 4304734345 | | Federal | GW | APD C |
| WV 15W-23-8-21 | 23 | 080S | 210E | 4304734346 | | Federal | GW | APD C |
| WV 7W-31-7-22 | 31 | 070S | 220E | 4304734379 | | Federal | GW | APD C |
| WV 9W-30-7-22 | 30 | 070S | 220E | 4304734381 | | Federal | GW | APD C |
| WV 10W-25-7-21 | 25 | 070S | 210E | 4304734382 | | Federal | GW | APD C |
| WV 10W-26-7-21 | 26 | 070S | 210E | 4304734383 | | Federal | GW | APD C |
| WV 14W-30-7-22 | 30 | 070S | 220E | 4304734384 | 13750 | Federal | GW | DRL C |
| WV 15W-27-7-21 | 27 | 070S | 210E | 4304734385 | | Federal | GW | APD C |
| GH 8W-20-8-21 | 20 | 080S | 210E | 4304734393 | | Federal | GW | APD C |
| SU PURDY 3W-30-7-22 | 30 | 070S | 220E | 4304734394 | | Federal | GW | APD C |
| STIRRUP UNIT 10G-5-8-22 | 05 | 080S | 220E | 4304734396 | | Federal | OW | APD C |
| WV 10W-35-7-21 | 35 | 070S | 210E | 4304734397 | | Federal | GW | APD C |
| WV 16G-6-8-22 | 06 | 080S | 220E | 4304734404 | | Federal | OW | APD C |
| SU 4W-26-7-21 | 26 | 070S | 210E | 4304734408 | | Federal | GW | APD C |
| STIRRUP U 12W-6-8-22 | 06 | 080S | 220E | 4304734449 | | Federal | GW | APD C |
| STIRRUP U 10W-6-8-22 | 06 | 080S | 220E | 4304734451 | | Federal | GW | APD C |
| STIRRUP U 8W-5-8-22 | 05 | 080S | 220E | 4304734453 | | Federal | GW | APD C |
| STIRRUP U 6W-5-8-22 | 05 | 080S | 220E | 4304734454 | | Federal | GW | APD C |
| WV EXT 10W-17-8-21 | 17 | 080S | 210E | 4304734561 | 13744 | Federal | GW | P C |
| STIRRUP U 7G-5-8-22 | 05 | 080S | 220E | 4304734609 | | Federal | OW | APD C |
| STIRRUP U 9G-5-8-22 | 05 | 080S | 220E | 4304734610 | | Federal | OW | APD C |
| STIRRUP U 9G-6-8-22 | 06 | 080S | 220E | 4304734611 | | Federal | OW | APD C |
| OU GB 10W-16-8-22 | 16 | 080S | 220E | 4304734616 | | State | GW | APD C |
| OU GB 14W-16-8-22 | 16 | 080S | 220E | 4304734619 | | State | GW | APD C |
| OU GB 16W-20-8-22 | 20 | 080S | 220E | 4304734633 | | Federal | GW | APD C |
| OU WIH 15W-21-8-22 | 21 | 080S | 220E | 4304734634 | | Federal | GW | APD C |
| OU GB 8W-17-8-22 | 17 | 080S | 220E | 4304734647 | | Federal | GW | APD C |
| OU GB 11W-15-8-22 | 15 | 080S | 220E | 4304734648 | 13822 | Federal | GW | DRL C |
| OU GB 16W-16-8-22 | 16 | 080S | 220E | 4304734655 | 13815 | State | GW | DRL C |
| OU GB 1W-16-8-22 | 16 | 080S | 220E | 4304734656 | | State | GW | APD C |
| OU GB 8W-16-8-22 | 16 | 080S | 220E | 4304734660 | 13769 | State | GW | DRL C |
| OU GB 3W-15-8-22 | 15 | 080S | 220E | 4304734677 | | Federal | GW | APD C |
| OU GB 4W-21-8-22 | 21 | 080S | 220E | 4304734685 | 13772 | Federal | GW | P C |
| OU WIH 2W-21-8-22 | 21 | 080S | 220E | 4304734687 | 13837 | Federal | GW | PA C |
| OU GB 9W-16-8-22 | 16 | 080S | 220E | 4304734692 | | State | GW | APD C |
| OU WIH 1W-21-8-22 | 21 | 080S | 220E | 4304734693 | | Federal | GW | APD C |
| OU GB 7G-19-8-22 | 19 | 080S | 220E | 4304734694 | | Federal | OW | APD C |
| OU GB 5G-19-8-22 | 19 | 080S | 220E | 4304734695 | 13786 | Federal | OW | P C |
| OU GB 8W-20-8-22 | 20 | 080S | 220E | 4304734706 | | Federal | GW | APD C |
| OU SG 14W-15-8-22 | 15 | 080S | 220E | 4304734710 | 13821 | Federal | GW | DRL C |
| OU SG 15W-15-8-22 | 15 | 080S | 220E | 4304734711 | 13790 | Federal | GW | DRL C |
| OU SG 16W-15-8-22 | 15 | 080S | 220E | 4304734712 | 13820 | Federal | GW | DRL C |
| OU SG 4W-15-8-22 | 15 | 080S | 220E | 4304734713 | 13775 | Federal | GW | DRL C |
| OU SG 12W-15-8-22 | 15 | 080S | 220E | 4304734714 | 13828 | Federal | GW | DRL C |
| OU SG 5W-15-8-22 | 15 | 080S | 220E | 4304734715 | | Federal | GW | APD C |
| OU SG 6W-15-8-22 | 15 | 080S | 220E | 4304734716 | 13865 | Federal | GW | PA C |
| OU SG 8W-15-8-22 | 15 | 080S | 220E | 4304734717 | 13819 | Federal | GW | DRL C |

SEI (N4235) to QEP (N2460)

| well_name | Sec | T | R | api DOGM | Entity | type | stat | |
|----------------------------|-----|------|------|------------|--------|---------|------|-------|
| OU SG 9W-15-8-22 | 15 | 080S | 220E | 4304734718 | 13773 | Federal | GW | P C |
| OU SG 1W-15-8-22 | 15 | 080S | 220E | 4304734720 | | Federal | GW | APD C |
| OU SG 2W-15-8-22 | 15 | 080S | 220E | 4304734721 | | Federal | GW | APD C |
| OU SG 7W-15-8-22 | 15 | 080S | 220E | 4304734722 | | Federal | GW | APD C |
| GYP SUM HILLS 13HG-17-8-22 | 17 | 080S | 210E | 4304734723 | 13765 | Federal | GW | DRL C |
| OU GB 14SG-29-8-22 | 29 | 080S | 220E | 4304734743 | | Federal | GW | APD C |
| OU GB 16SG-29-8-22 | 29 | 080S | 220E | 4304734744 | 13771 | Federal | GW | DRL C |
| OU GB 13W-10-8-22 | 10 | 080S | 220E | 4304734754 | 13774 | Federal | GW | P C |
| OU GB 6W-21-8-22 | 21 | 080S | 220E | 4304734755 | 13751 | Federal | GW | P C |
| OU SG 10W-10-8-22 | 10 | 080S | 220E | 4304734764 | | Federal | GW | DRL C |
| OU SG 15W-10-8-22 | 10 | 080S | 220E | 4304734765 | 13849 | Federal | GW | DRL C |
| OU GB 14W-10-8-22 | 10 | 080S | 220E | 4304734768 | 13781 | Federal | GW | P C |
| OU SG 16W-10-8-22 | 10 | 080S | 220E | 4304734784 | 13777 | Federal | GW | P C |
| OU GB 15G-16-8-22 | 16 | 080S | 220E | 4304734829 | | State | OW | DRL |
| BASER WASH 6W-7-7-22 | 07 | 070S | 220E | 4304734837 | | Federal | GW | APD C |
| GB 5G-15-8-22 | 15 | 080S | 220E | 4304734876 | | Federal | OW | APD C |
| GB 4G-21-8-22 | 21 | 080S | 220E | 4304734882 | | Federal | OW | APD C |
| W IRON HORSE 2W-28-8-22 | 28 | 080S | 220E | 4304734883 | | Federal | GW | APD C |
| OU GB 8WX-29-8-22 | 29 | 080S | 220E | 4304734884 | | Federal | GW | APD C |
| GB 7W-36-8-21 | 36 | 080S | 210E | 4304734893 | | State | GW | APD |
| GB 3W-36-8-21 | 36 | 080S | 210E | 4304734894 | 13791 | State | GW | DRL |
| NC 8M-32-8-22 | 32 | 080S | 220E | 4304734897 | | State | GW | APD |
| NC 3M-32-8-22 | 32 | 080S | 220E | 4304734899 | | State | GW | APD |
| N DUCK CREEK 3M-27-8-22 | 27 | 080S | 210E | 4304734900 | | Federal | GW | APD C |
| N DUCK CREEK 9M-22-8-22 | 22 | 080S | 210E | 4304734901 | | Federal | GW | APD C |
| N DUCK CREEK 11M-22-8-22 | 22 | 080S | 210E | 4304734902 | | Federal | GW | APD C |
| NDC 10W-25-8-21 | 25 | 080S | 210E | 4304734923 | | Federal | GW | APD C |
| GB 5W-36-8-21 | 36 | 080S | 210E | 4304734925 | 13808 | State | GW | DRL |
| GB 4W-36-8-21 | 36 | 080S | 210E | 4304734926 | | State | GW | APD |
| WV EXT 1W-17-8-21 | 17 | 080S | 210E | 4304734927 | | Federal | GW | APD C |
| WV EXT 8W-17-8-21 | 17 | 080S | 210E | 4304734929 | 13792 | Federal | GW | DRL C |
| NDC 11M-27-8-21 | 27 | 080S | 210E | 4304734952 | 13809 | Federal | GW | DRL C |
| NDC 9M-27-8-21 | 27 | 080S | 210E | 4304734956 | | Federal | GW | APD C |
| NDC 1M-27-8-21 | 27 | 080S | 210E | 4304734957 | | Federal | GW | APD C |
| NDC 15M-28-8-21 | 28 | 080S | 210E | 4304734958 | | Federal | GW | APD C |
| NC 11M-32-8-22 | 32 | 080S | 220E | 4304735040 | | State | GW | NEW |
| RED WASH U 34-27C | 27 | 070S | 240E | 4304735045 | | Federal | GW | APD C |
| WRU EIH 10W-35-8-22 | 35 | 080S | 220E | 4304735046 | 13544 | Federal | GW | DRL C |
| WRU EIH 9W-26-8-22 | 26 | 080S | 220E | 4304735047 | | Federal | GW | APD C |
| WRU EIH 15W-26-8-22 | 26 | 080S | 220E | 4304735048 | | Federal | GW | APD C |
| WRU EIH 1W-35-8-22 | 35 | 080S | 220E | 4304735049 | | Federal | GW | APD C |
| WRU EIH 9W-35-8-22 | 35 | 080S | 220E | 4304735050 | | Federal | GW | APD C |
| WRU EIH 7W-35-8-22 | 35 | 080S | 220E | 4304735051 | | Federal | GW | APD C |
| WRU EIH 2W-35-8-22 | 35 | 080S | 220E | 4304735052 | | Federal | GW | APD C |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3106
(UT-924)

July 21, 2003

Memorandum

To: Vernal Field Office
From: **ACTING** Chief, Branch of Minerals Adjudication
Subject: Name Change Approval

Attached is an approved copy of the name change from BLM-Eastern States, which is recognized by the Utah State Office. We have updated our records to reflect:

The name change from Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated is effective July 23, 1999. The BLM Bond Number is ESB000024.

Mary Higgins
Mary Higgins
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Eastern States Letter
2. List of leases

cc: MMS, James Sykes, PO Box 25165, M/S 357 B1, Denver CO 80225
State of Utah, DOGM, Earlene Russell (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

RECEIVED

JUL 23 2003

DIV. OF OIL, GAS & MINING

Exhibit of Leases

| | | | |
|---------------|--------------|-----------|-----------|
| UTSL-065342 | UTU-0825 | UTU-65472 | UTU-74971 |
| UTSL-065429 | UTU-0826 | UTU-65632 | UTU-74972 |
| UTSL-066409-A | UTU-0827 | UTU-67844 | UTU-75079 |
| UTSL-066446 | UTU-0828 | UTU-68217 | UTU-75080 |
| UTSL-066446-A | UTU-0829 | UTU-68218 | UTU-75081 |
| UTSL-066446-B | UTU-0830 | UTU-68219 | UTU-75082 |
| UTSL-066791 | UTU-0933 | UTU-68220 | UTU-75083 |
| UTSL-069330 | UTU-0971 | UTU-68387 | UTU-75084 |
| UTSL-070932-A | UTU-0971-A | UTU-68620 | UTU-75085 |
| UTSL-071745 | UTU-01089 | UTU-69001 | UTU-75086 |
| UTSL-071963 | UTU-02025 | UTU-70853 | UTU-75087 |
| UTSL-071964 | UTU-02030 | UTU-70854 | UTU-75088 |
| UTSL-071965 | UTU-02060 | UTU-70855 | UTU-75102 |
| | UTU-02148 | UTU-70856 | UTU-75103 |
| UTU-046 | UTU-02149 | UTU-71416 | UTU-75116 |
| UTU-055 | UTU-02510-A | UTU-72066 | UTU-75243 |
| UTU-057 | UTU-09613 | UTU-72109 | UTU-75503 |
| UTU-058 | UTU-09617 | UTU-72118 | UTU-75678 |
| UTU-059 | UTU-09809 | UTU-72598 | UTU-75684 |
| UTU-080 | UTU-011225-B | UTU-72634 | UTU-76278 |
| UTU-081 | UTU-011226 | UTU-72649 | UTU-75760 |
| UTU-082 | UTU-011226-B | UTU-73182 | UTU-75939 |
| UTU-093 | UTU-012457 | UTU-73443 | UTU-76039 |
| UTU-01116 | UTU-012457-A | UTU-73456 | UTU-76482 |
| UTU-0558 | UTU-018260-A | UTU-73680 | UTU-76507 |
| UTU-0559 | UTU-022158 | UTU-73681 | UTU-76508 |
| UTU-0560 | UTU-025960 | UTU-73684 | UTU-76721 |
| UTU-0561 | UTU-025962 | UTU-73686 | UTU-76835 |
| UTU-0562 | UTU-025963 | UTU-73687 | UTU-77063 |
| UTU-0566 | UTU-029649 | UTU-73698 | UTU-77301 |
| UTU-0567 | UTU-65471 | UTU-73699 | UTU-77308 |
| UTU-0568 | UTU-65472 | UTU-73700 | UTU-78021 |
| UTU-0569 | UTU-103144 | UTU-73710 | UTU-78028 |
| UTU-0570 | UTU-140740 | UTU-73914 | UTU-78029 |
| UTU-0571 | UTU-14219 | UTU-73917 | UTU-78214 |
| UTU-0572 | UTU-14639 | UTU-74401 | UTU-78215 |
| UTU-0629 | UTU-16551 | UTU-74402 | UTU-78216 |
| UTU-0802 | UTU-28652 | UTU-74407 | UTU-80636 |
| UTU-0803 | UTU-42050 | UTU-74408 | UTU-80637 |
| UTU0804 | UTU-43915 | UTU-74419 | UTU-80638 |
| UTU0805 | UTU-43916 | UTU-74493 | UTU-80639 |
| UTU0806 | UTU-43917 | UTU-74494 | UTU-80640 |
| UTU0807 | UTU-43918 | UTU-74495 | |
| UTU0809 | UTU-56947 | UTU-74496 | |
| UTU0810 | UTU-65276 | UTU-74836 | |
| UTU-0823 | UTU-65404 | UTU-74842 | |
| UTU-0824 | UTU-65471 | UTU-74968 | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

009

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UTU-76508

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
SU 7G-5-8-22

9. API Well No.
43-047-34609

10. Field and Pool, or Exploratory Area
WONSITS VALLEY

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas

☒ Well ☐ Well ☐ Other

2. Name of Operator

SHENANDOAH ENERGY INC. (QEP, UINTA BASIN INC.)

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

(435) 781-4341

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2166' FNL, 1697' FEL, SWNE, SECTION 5, T8S, R22E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other APD Extension



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)
Shenandoah Energy Inc. hereby requests a 1 year extension from approval date on the SU 7G-5-8-22.

CONDITIONS OF APPROVAL ATTACHED

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NOV 19 2003
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

RALEEN SEARLE

Title

REGULATORY AFFAIRS ANALYST

Date

7/16/03

(This space for Federal or State office use)

Approved by:

Title

Petroleum Engineer

Date

10/27/03

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

QEP- Uintah Basin Inc.
APD Extension

Well: Stirrup 7G-5-8-22

Location: SENE Sec. 5, T8S, R22E

Lease: U-76508

CONDITIONS OF APPROVAL

An extension for the referenced APD is granted with the following conditions:

1. The extension will expire 8/12/04
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood of this office at (435) 781-4486

CONFIDENTIAL

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

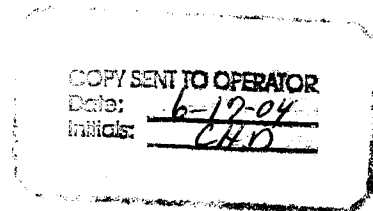
| | | |
|--|--|--|
| 1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76508 |
| 2. NAME OF OPERATOR: QEP Uinta Basin, Inc. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A |
| 3. ADDRESS OF OPERATOR: 11002 E 17500 S CITY Vernal STATE UT ZIP 84078 | | 7. UNIT or CA AGREEMENT NAME: N/A |
| PHONE NUMBER: (435) 781-4341 | | 8. WELL NAME and NUMBER: SU 7G-5-8-22 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2166' FNL 1697' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 5 T8S 22E | | 9. API NUMBER: 4304734609 |
| COUNTY: Uintah | | 10. FIELD AND POOL, OR WILDCAT: WONSITS VALLEY |
| STATE: UTAH | | |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|---|---|---|---|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>APD Extension</u> |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the SU 7G-5-8-22.

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 06-14-04
By: [Signature]



| | |
|---------------------------------------|-------------------------|
| NAME (PLEASE PRINT) <u>John Busch</u> | TITLE <u>Operations</u> |
| SIGNATURE <u>John Busch</u> | DATE <u>6/7/2004</u> |

(This space for State use only)

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JUN 8 2004
DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-34609
Well Name: SU 7G-5-8-22
Location: 2166' FNL 1697' FEL SWNE SEC 5 T8S R22E
Company Permit Issued to: QEP UINTA BASIN, INC.
Date Original Permit Issued: 7/2/2002

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

John Bunch
Signature

6/7/2004
Date

Title: OPERATIONS

Representing: QEP UINTA BASIN, INC.

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JUN 08 2004
DIV. OF OIL, GAS & MINING



State of Utah

Department of
Natural ResourcesROBERT L. MORGAN
*Executive Director*Division of
Oil, Gas & MiningLOWELL P. BRAXTON
*Division Director*OLENE S. WALKER
*Governor*GAYLE F. McKEACHNIE
Lieutenant Governor

July 16, 2004

Julie Black
QEP Uinta Basin Inc.
11002 East 17500 South
Vernal, Utah 84078Re: APD Rescinded – Stirrup Unit 7G-5-8-22, Sec. 5, T. 8S, R. 22E
Uintah County, Utah API No. 43-047-34609

Dear Ms. Black:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on July 2, 2002. On July 21, 2003 and June 14, 2004, the Division granted a one-year APD extension. On July 14, 2004, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective July 14, 2004.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Whitney
Engineering Technician

cc: Well File
Bureau of Land Management, Vernal



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/utah/vernal>

IN REPLY REFER TO:

3160

UT08300

August 19, 2004

Jan Nelson
QEP-Uinta Basin, Inc.
11002 East 17500 South
Vernal, UT 84078

43-047-34609
Re: Notification of Expiration
Well No. SU 7G-5-8-22
SWNE, Sec. 5, T8S, R22E
Uintah County, Utah
Lease No. UTU-75608

Dear Ms. Nelson:

The Application for Permit to Drill the above-referenced well was approved on August 12, 2002. A one (1) year extension of the original APD was requested. The request was reviewed and the extension approved until August 12, 2004. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Leslie Walker
Legal Instruments Examiner

cc: UDOGM

RECEIVED

AUG 23 2004

DIV. OF OIL, GAS & MINING